

Fig. 1

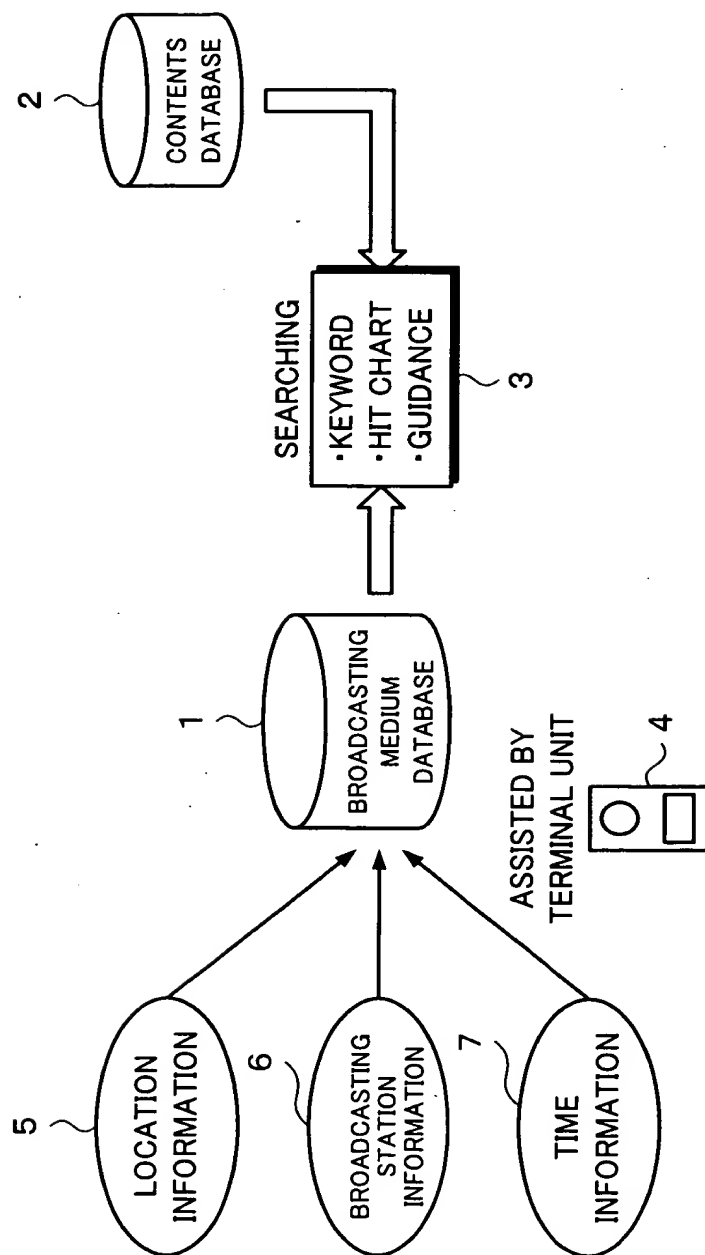
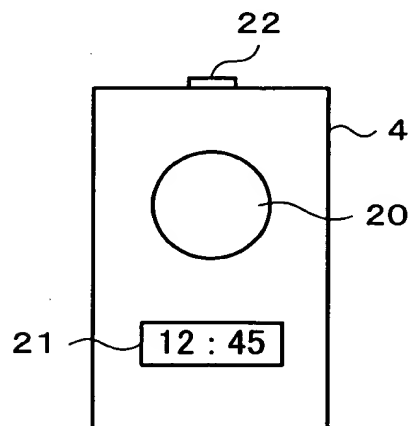


Figure 1 is a block diagram illustrating the system architecture for a book mark search engine. The system includes a **BROADCASTING STATION** (12) which communicates wirelessly with a **BOOK MARKER** (4). The **BOOK MARKER** (4) is a handheld device with a display (5) showing the number '12/4' and a button (21). It sends **ID, TIME INFORMATION** (20) to a **GATEWAY DEVICE** (11). The **GATEWAY DEVICE** (11) then transmits **TIME INFORMATION, ID** (8) to a **SEARCH ENGINE** (3) located within a **BOOK MARK SEARCH ENGINE** (10). The **SEARCH ENGINE** (3) is connected to two databases: **DB (PLAY LIST)** (1) and **DB** (2). Finally, the **SEARCH ENGINE** (3) outputs **INFORMATION** (including **SALES**, **LINK**, and other data) to **ANOTHER SITE**.

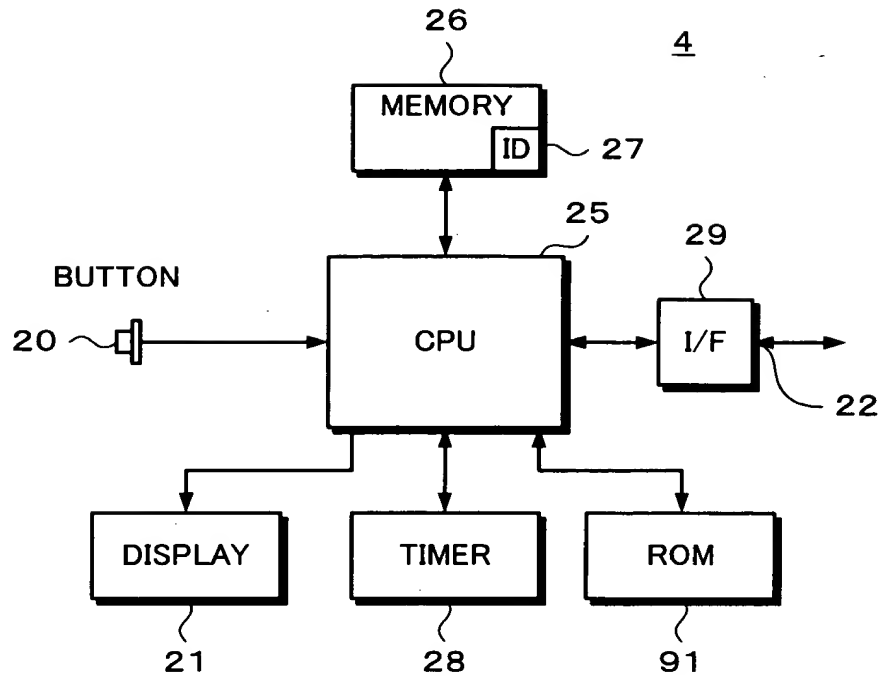
Fig. 3

Station name	95. 5XYZA
Area	New York
Start time	12:44:50
End time	12:49:15
Content	x x x x x x x x

Fig. 4



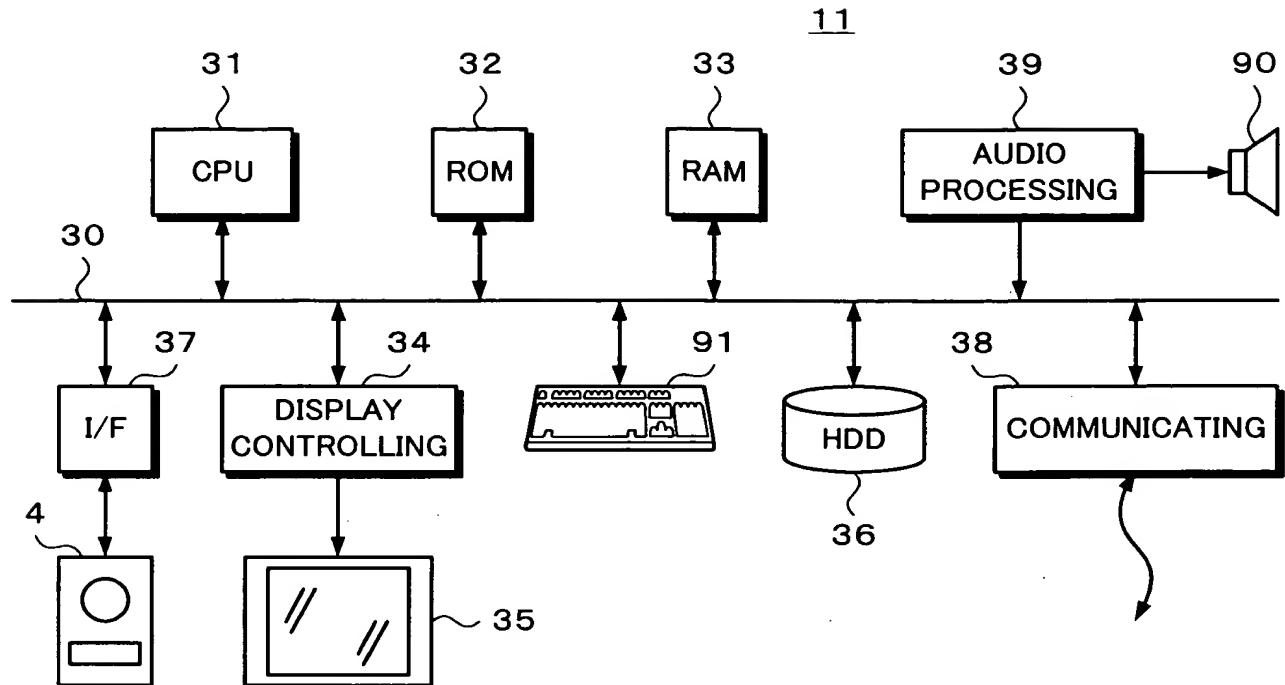
**Fig. 5**



**Fig. 6**

TERMINAL ID : XXXX-YYYY-ZZZZ		
BOOK MARK 1	1/11/98	12:45
BOOK MARK 1	(blank)	
BOOK MARK 1	(blank)	
BOOK MARK 1	(blank)	
⋮	⋮	

**Fig. 7**



**Fig. 8**

Form layout for data entry (Fig. 8). The form is labeled 40 and contains the following fields:

NAME	xxx xx	41
BOOK MARK ID	1234-5678	42
ZIP CODE	xxx - xxxxx	43
AREA CODE	xxxx	44
RADIO STATION	XYZA BCDE	45
CARD NUMBER	012-3456-7890	46
ADDRESS	XXX CITY XXX COUNTRY	47

Fig. 9

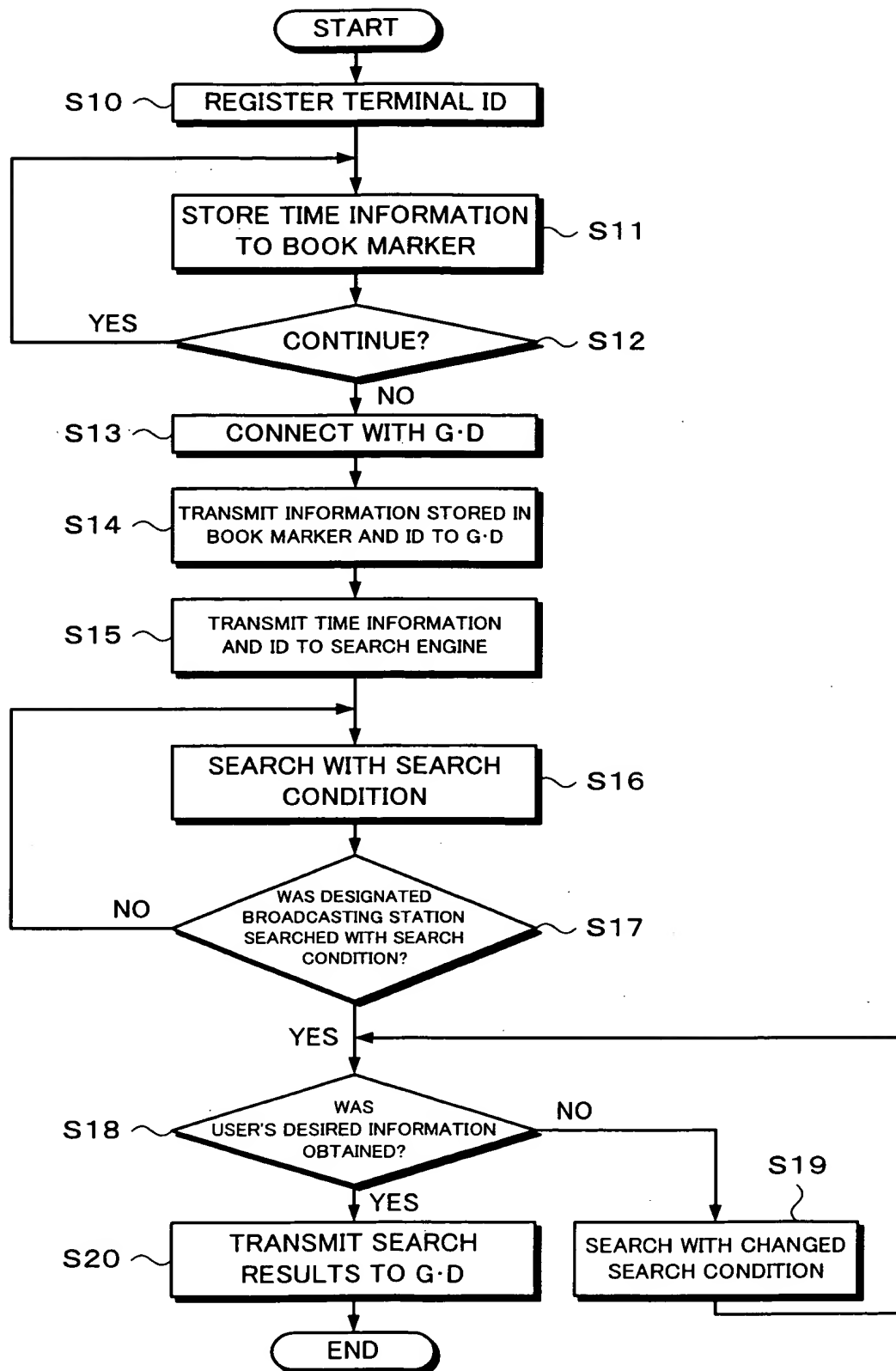
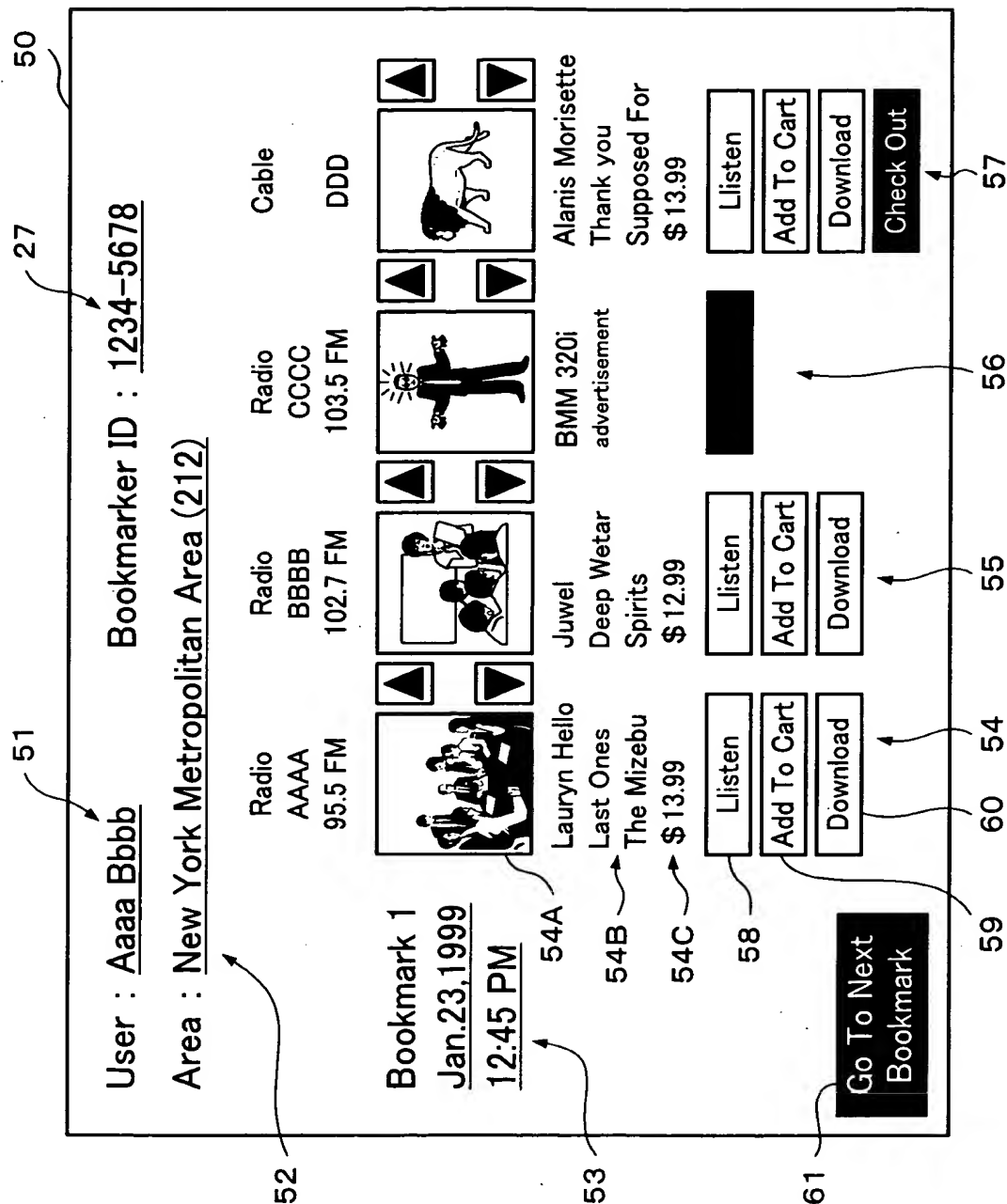
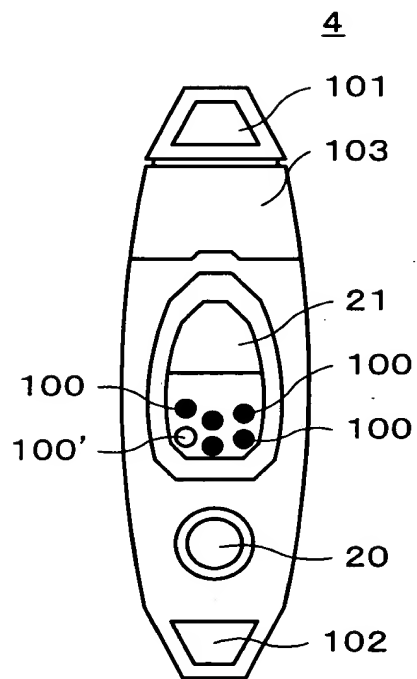


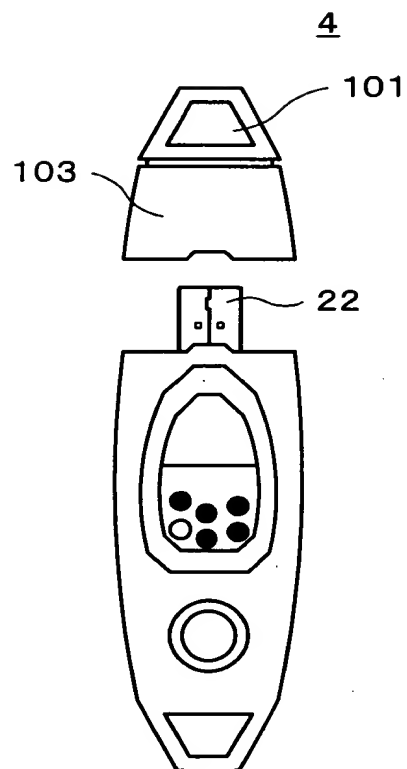
Fig. 10



**Fig. 11A**

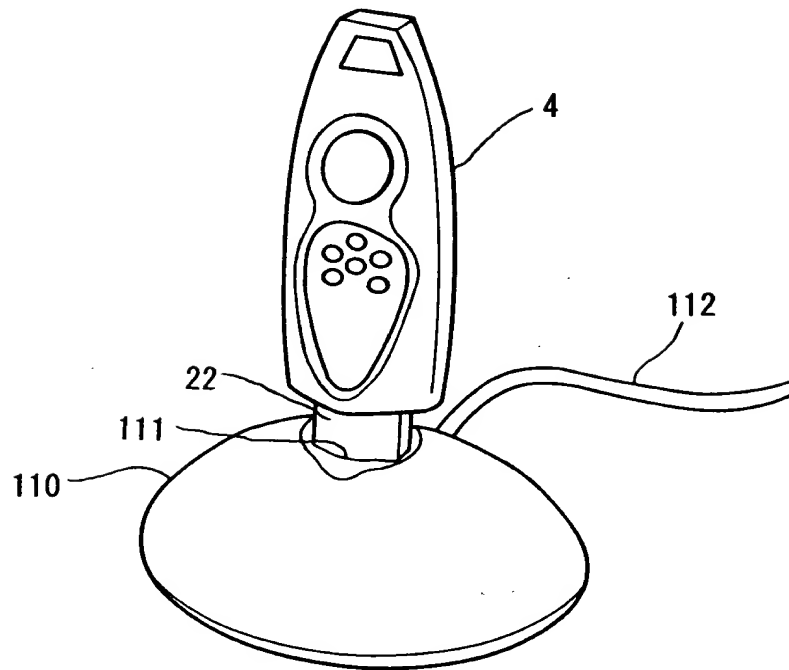


**Fig. 11B**

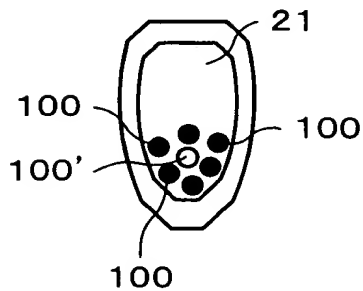




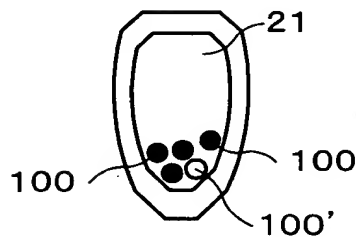
**Fig. 12**



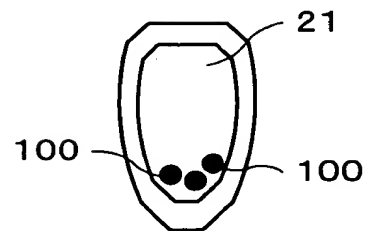
**Fig. 13A**



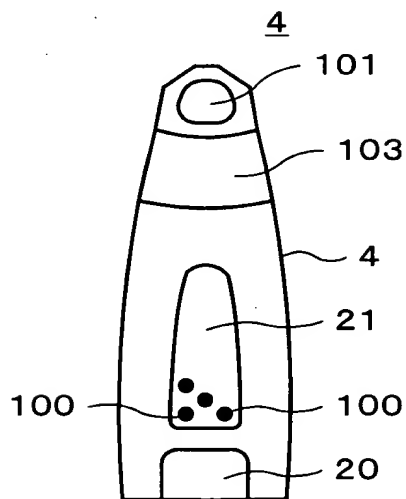
**Fig. 13B**



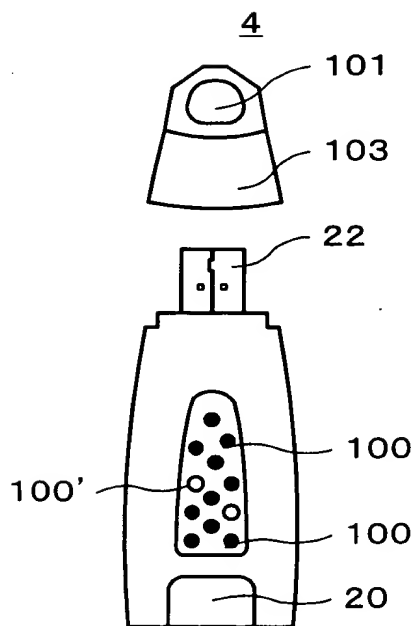
**Fig. 13C**



**Fig. 14A**

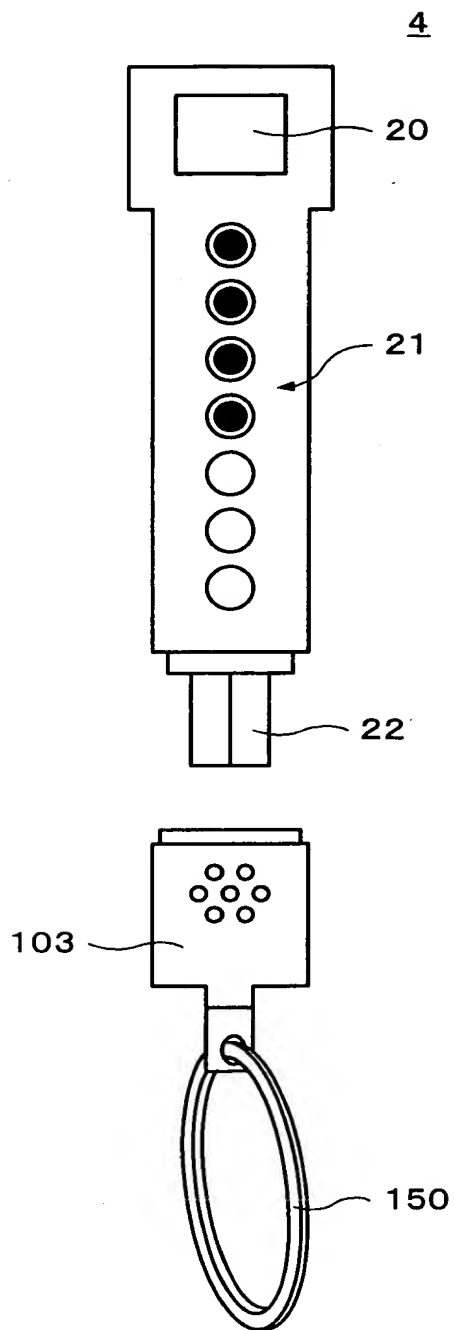


**Fig. 14B**

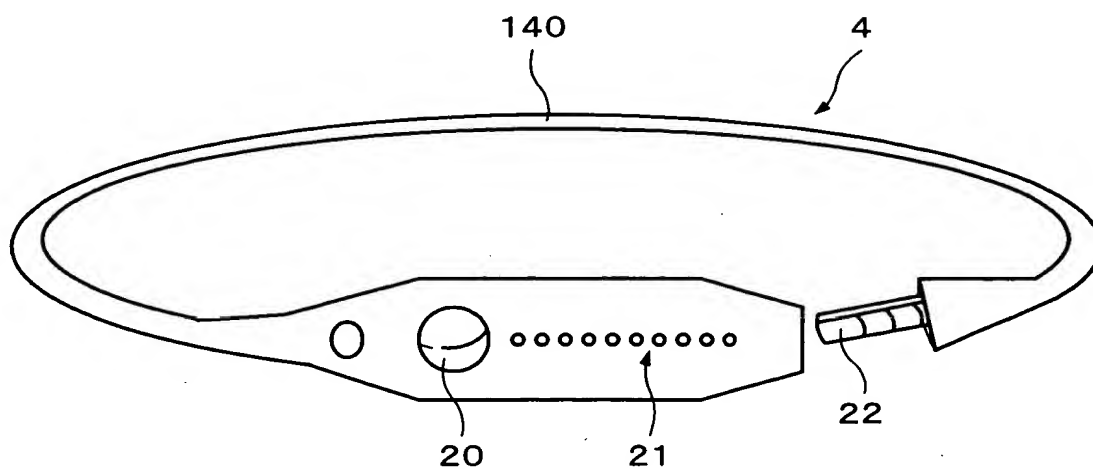




**Fig. 17**



**Fig. 18**



**Fig. 19**

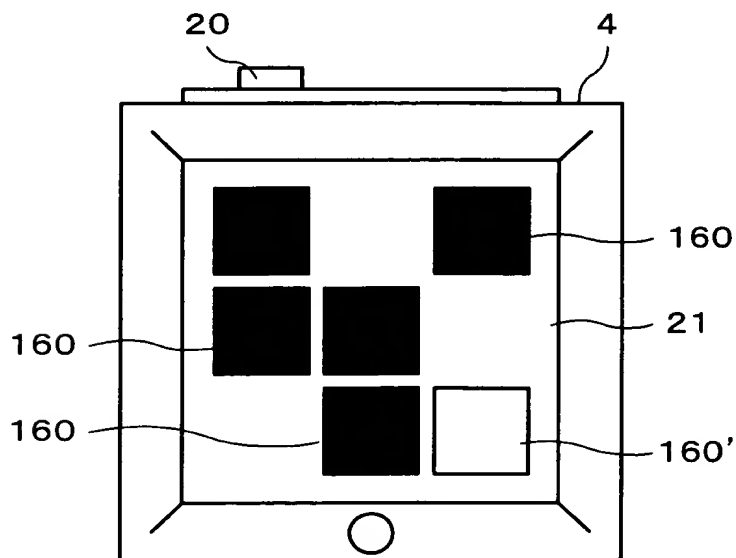


Fig. 20

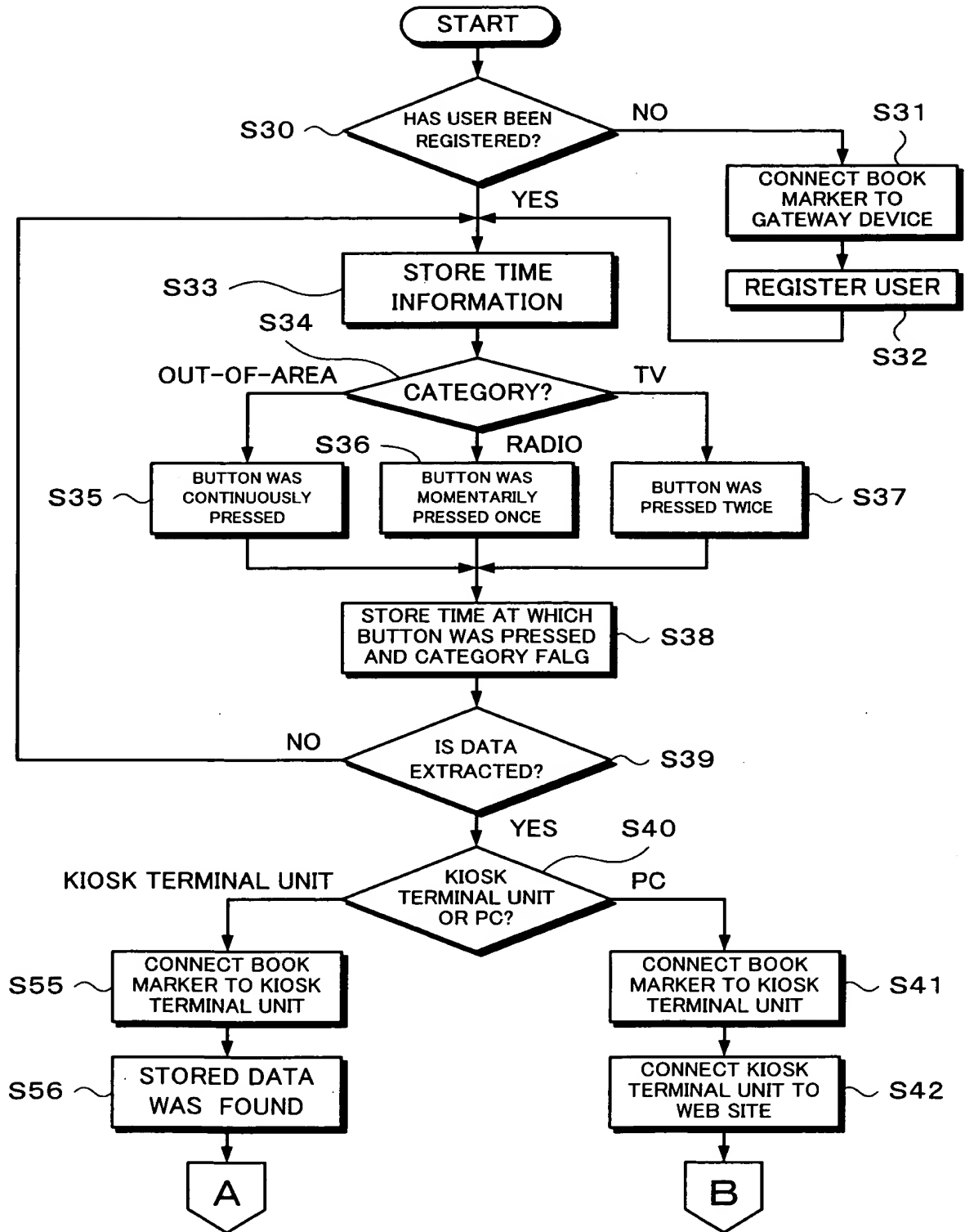


Fig. 21

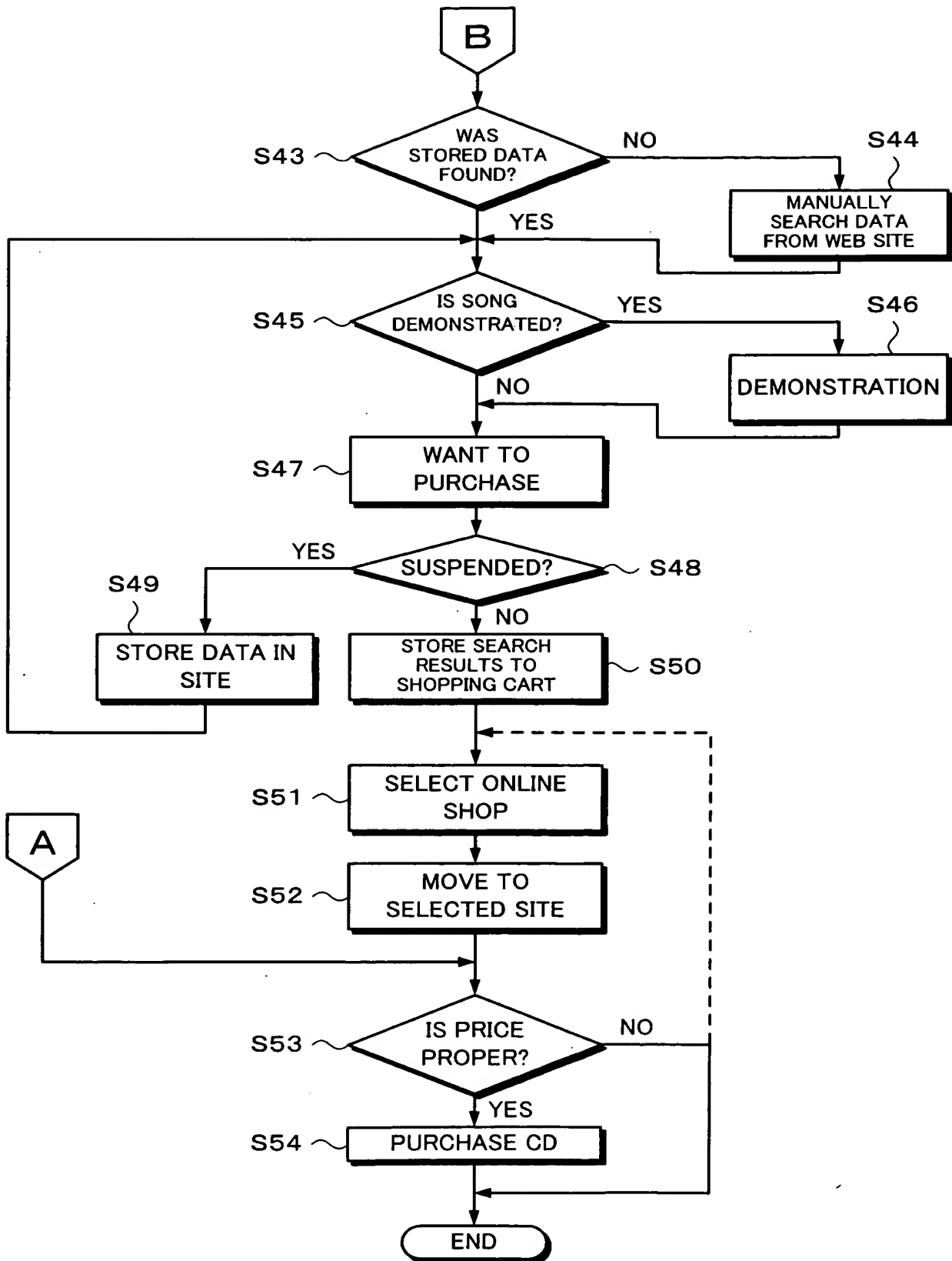






Fig. 23

210

FILE (F) EDIT (E) VIEW (V) FAVORITE (A) TOOL (T) HELP (H)

ADDRESS (D) [http://www.\\*\\*\\*\\*\\*](http://www.*****)

» MOVE »

» LINK »

» RETURN »

HOME

ABOUT

FAQS

YOUR PROFILE

# B MARKER

Please select Your earmk

201 202 203 204 205 206 207 208 209

① 10/17/99 11:15PM

② 10/18/99 12:00AM

③ 10/18/99 9:24AM

④ 10/18/99 9:37AM

⑤ 10/18/99 7:35PM

⑥ 10/20/99 8:57AM

⑦ 10/20/99 9:11AM

⑧ 10/20/99 7:29PM

⑨ 10/23/99 2:03PM

Current BMARKER

2 10/18/99 12:00PM

106.1 FM San Francisco, CA  
R&B Hip-Hop

Missy Elliot "Supa Dupa Fly"

SAVE

LISTEN

BUY

95.5 FM San Francisco, CA  
Pop/Rock

Madonna "Ray of Light"

SAVE

LISTEN

BUY

95.6 FM San Francisco, CA  
Rock

Bjork "All is Full of Love"  
Jamiroqui "Cosmic Girl"

SAVE

LISTEN

BUY

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Fig. 24

220
222

FILE (F) EDIT (E) VIEW (V) FAVORITE (A) TOOL (T) ヘルプ(H)
225

ADDRESS (D) <http://www.....>
MOVE LINK RETURN

HOME
ABOUT
FAQS
YOUR PROFILE

B M A R K E R

Listening Booth
CURRENT BMARKS
SAVED BMARKS
SHOPPING CART

Artist : Madonna    Song : Ray of Light

Album : Ray of Laight

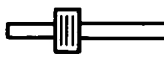
Data : 1998    Label : WEA/Warner Brothers

Genre : Pop/Rock


1. Drowned World Substitute for Love
2. Swim
3. Ray of Light
4. Candy Perfume Girl
6. Nothing Really Matters
7. Sky Fits Heaven

8. Shanti/Ashtangi
9. Frozen
10. The Power of Goodbye
11. To Have And Not To Hold
12. Little Star
13. Mer Girl


sound clip : 15 seconds
223




VOL



PLAY



SAVE



BUY

☐ PAGE HAS BEEN DISPLAYED
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221
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230

231

232  
233  
234

Fig. 26

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FILE (F) EDIT (E) VIEW (V) FAVORITE (A) TOOL (T) HELP (H)

ADDRESS (D)

MOVE

LINK

RETURN

HOME ABOUT FAQs YOUR PROFILE

YOUR musical Connection

BMARKER

Heard it, like it, want it.

You have placed the BMARKER(s) below in on your buy list. If you'd like to purchase....

Shopping Cart

CURRENT BMARKS

SAVED BMARKS

SHOPPING CART

Madonna	Ray of Light	Ray of Light	95.3 FM AAA	San Francisco, CA	<a href="#">Save for Later</a>	<a href="#">Delete</a>
Isaac Hayes	Theme from "Shaft"	Shaft	98.1 FM BBB	San Francisco, CA	<a href="#">Save for Later</a>	<a href="#">Delete</a>
Billy Idol	White Wedding	Vital Idol	104.5 FM EEE	San Francisco, CA	<a href="#">Save for Later</a>	<a href="#">Delete</a>
The Roots	You Got Me	Things Fall Apart	106.1 FM FFF	San Francisco, CA	<a href="#">Save for Later</a>	<a href="#">Delete</a>

choose your vendor:

CDSOHP A

CDSOHP B

CDSOHP C

Edit vendor list

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242C

243

241

242A

Fig. 27

250
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FILE (F) EDIT (E) VIEW (V) FAVORITE (A) TOOL (T) HELP (H)

ADDRESS (D)

»» LINK

»» MOVE

»» RETURN

Your musical Connection

# B M A R K E R

CDSOHP C

Home

New & Reviews.

Sales & Specials.

Gifts

My CDSHOP C

Help

You Music. Your Store.

Artist

Find It

Search Classical

Visit the Gap Shop.

Win Gap Jeans and Khakis for Life!

FREE Music Downloads!

Guided By Voices, Herb Alpert, Sevendust...

Shopping Cart

All of your account information can now be found in My CDSHOP C.

[Cart Contents](#)

Ready to continue shopping? Go back to the CDSHOP C home page.

Click here for an explanation of our inventory information.

To Change item quantities or move items to your Wish List, [click here](#).

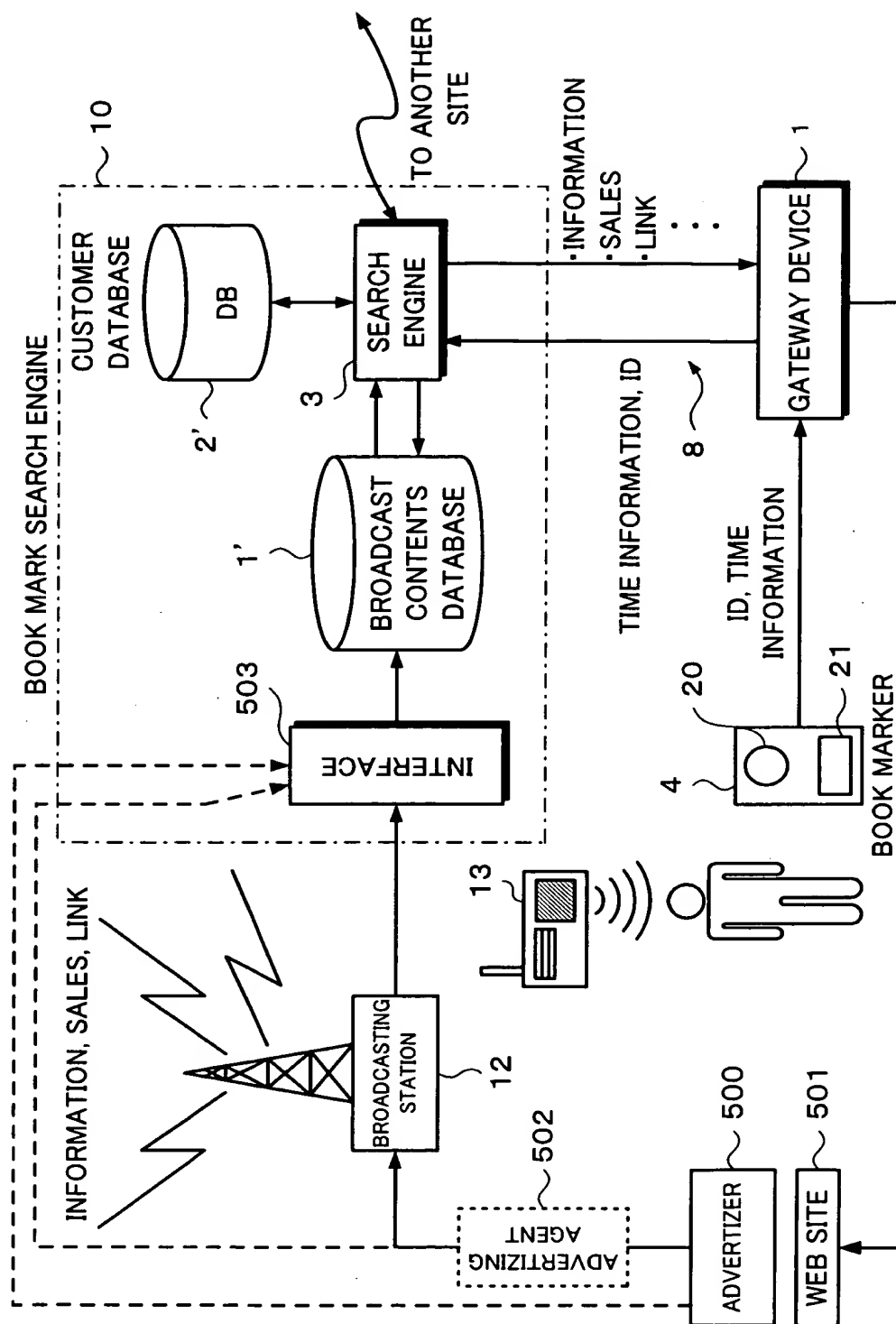
CD	price	description	price list
1	\$13.99	Billy Idol : Vital Idol CD	BUY ~ 254A
1	\$13.99	In stock Shipping Ctr A	BUY ~ 254B
1	\$12.58	Isaac Hayes : Shaft CD	BUY ~ 254C
1	\$11.88	Madonna : Ray Of Light CD	BUY ~ 254D
1	\$16.97	In stock Shipping Ctr A	
1	\$16.97	Roots : Things Fall Apart CD	
1	\$16.97	In stock Shipping Ctr A	

Switch to Secure Mode

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**Fig. 28**



The diagram illustrates a system architecture for book marks. It includes the following components and connections:

- WEB SITE (501)** and **ADVERTIZER (500)**: These are stacked vertically. An arrow points from the WEB SITE to the ADVERTIZER.
- M1**: A circular component connected to the ADVERTIZER.
- BROADCASTING STATION (12)**: A rectangular component with a radio tower icon on top. It is connected to M1.
- BOOK MARK SEARCH ENGINE (10)**: A rectangular component connected to M2.
- M2**: A circular component connected to the ADVERTIZER and the BOOK MARK SEARCH ENGINE.
- BOOK MARKER (4)**: A rectangular component connected to the BOOK MARK SEARCH ENGINE.
- GATEWAY DEVICE (11)**: A rectangular component connected to the BOOK MARKER and the BOOK MARK SEARCH ENGINE.
- Human Figure**: A stick figure icon connected to the BOOK MARKER.

The connections are as follows: WEB SITE (501) to ADVERTIZER (500); ADVERTIZER (500) to M1; M1 to BROADCASTING STATION (12); ADVERTIZER (500) to M2; M2 to BOOK MARK SEARCH ENGINE (10); BOOK MARK SEARCH ENGINE (10) to BOOK MARKER (4); BOOK MARKER (4) to GATEWAY DEVICE (11); GATEWAY DEVICE (11) to BOOK MARK SEARCH ENGINE (10); and GATEWAY DEVICE (11) to the Human Figure.